HPD CONSULTANTS

19 May 2017

M/s Saint-Gobain India Pvt Ltd

Chennai.

Mercure Hotel -Oragadam Chennai, is an **Accor brand** business class hotel. The construction was managed by M/s HPD Consultants. M/s Saint Gobain India Pvt Ltd (Gyproc) 122mm drywall partition system was used for constructing partitions between the guest rooms and other areas of the hotel. Scope of Saint Gobain drywall system is 100 guest rooms of 1210sqm drywall area. By using drywall partition system vs conventional block wall construction, the advantages are summarized below.

1. **Lesser Unskilled Workforce** - Material handling and labour cost saving of seven lakh rupees which is equivalent to reduction in labour requirement by 20 workers/day, for a period of 3 months (Installation + Material Handling)
2. **Saving in Construction Water** - Water saving of 1,13,535litres which is equivalent to 30,000 gallons of water (or) requirement of water for 10 households for a period of one month (or) Rs. 20,436.
3. **Faster Construction** - Project time saving of over 2 months
4. **Space saving** of 11.55Sqm contributed by lesser thick walls
5. **Dead Load saving** of 243 metric tons due to lighter construction
6. If building was designed for drywall, there could have been an additional saving of 17 metric tons of steel in slab and beams, resulting in **structural cost saving**. Saving may be higher if foundations are also considered.

Usage of drywall has provided better **Sound Insulation** and **Thermal Insulation**, thus energy saving compared to block wall. Ease of MEP working & dry construction helped us in maintaining a **clean construction** site and **reduced safety risks** at site during construction.

We as Project Managers appreciate the effort by M/s. Saint-Gobain India Pvt Ltd for their excellent support in every stage of the project, starting from Design Solutions to the completion of drywall construction at the site.

We wish them success in their future projects and recommend Drywall as a modern construction material for internal masonry.

For HPD Consultants

Hashmat Masood

Director